

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041923\
 Data File : BN025014.D
 Acq On : 19 Apr 2023 22:50
 Operator : CG/JU
 Sample : 02296-09
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCBL2

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 04/20/2023
 Supervised By :Jagrut Upadhyay 04/20/2023

Quant Time: Apr 20 05:10:51 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN040723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 20 05:08:16 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	9744	0.400	ng/ul	0.00
4) Naphthalene-d8	10.754	136	30033	0.400	ng/ul	0.01
9) Acenaphthene-d10	14.570	164	55981	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.330	188	42590	0.400	ng/ul	0.00
17) Chrysene-d12	21.514	240	38487	0.400	ng/ul	0.00
23) Perylene-d12	23.958	264	34333	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.306	96	43180	4.058	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.332	152	14777	0.383	ng/ul	0.00
18) Fluoranthene-d10	19.349	212	28596	0.299	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.798	128	35301998	461.190	ng/ul#	92
7) 2-Methylnaphthalene	12.415	142	9956031	209.178	ng/ul	99
8) 1-Methylnaphthalene	12.645	142	15193937	301.107	ng/ul	98
10) Acenaphthylene	14.297	152	513444	2.445	ng/ul#	83
11) Acenaphthene	14.658	153	26716815	148.453	ng/ul	94
12) Fluorene	15.644	166	12815234	63.579	ng/ul	97
15) Phenanthrene	17.376	178	18208302m	151.711	ng/ul	
16) Anthracene	17.461	178	817640	8.196	ng/ul	99
19) Fluoranthene	19.382	202	2549612	19.238	ng/ul	98
20) Pyrene	19.749	202	1392594	10.255	ng/ul	99
21) Benzo(a)anthracene	21.497	228	6816	0.056	ng/ul#	86
22) Chrysene	21.552	228	6148	0.047	ng/ul#	59

(#) = qualifier out of range (m) = manual integration (+) = signals summed

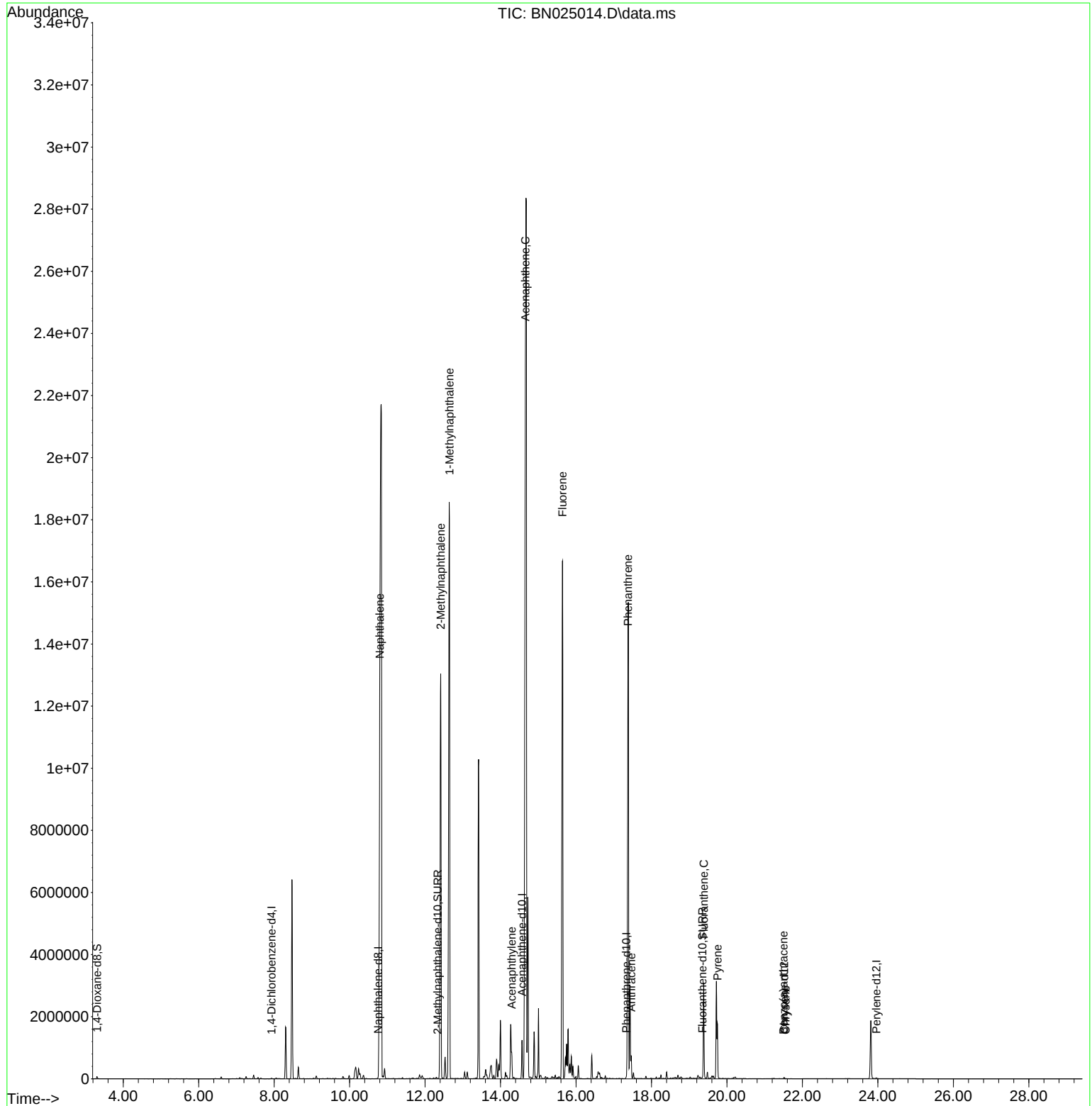
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041923\
Data File : BN025014.D
Acq On : 19 Apr 2023 22:50
Operator : CG/JU
Sample : 02296-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

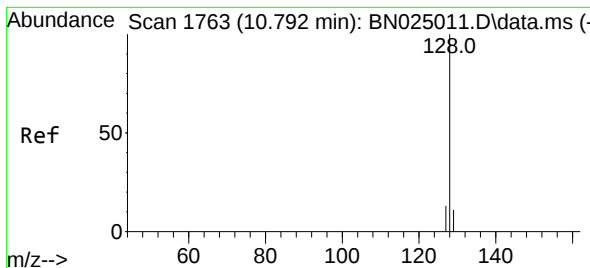
Instrument :
BNA_N
ClientSampleId :
DCBL2

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 04/20/2023
Supervised By : Jagrut Upadhyay 04/20/2023

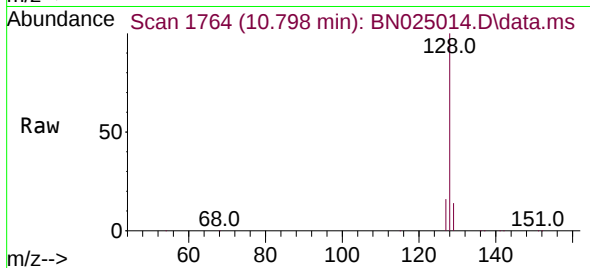
Quant Time: Apr 20 05:10:51 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN040723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 20 05:08:16 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 461.190 ng/ul
RT: 10.798 min Scan# 1764
Delta R.T. 0.006 min
Lab File: BN025014.D
Acq: 19 Apr 2023 22:50

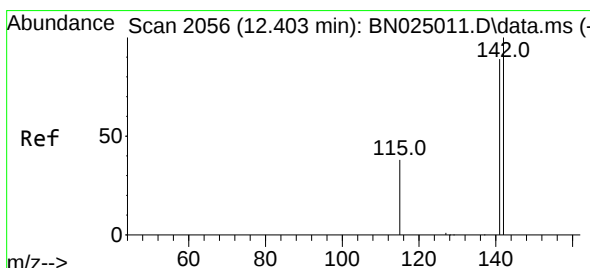
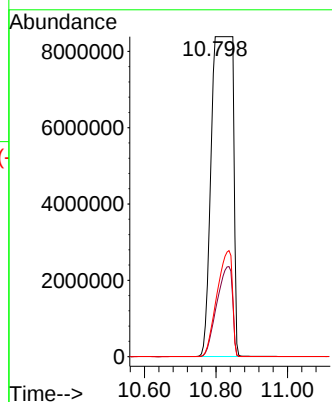
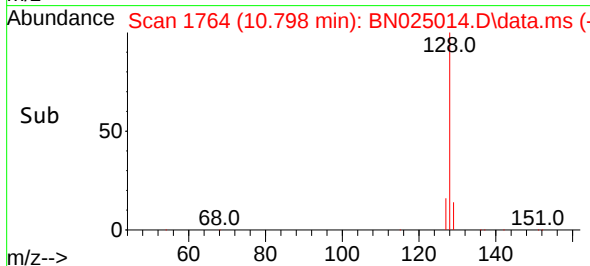
Instrument :
BNA_N
ClientSampleId :
DCBL2



Tgt Ion:128 Resp:35301998
Ion Ratio Lower Upper
128 100
129 14.2 9.1 13.7
127 16.4 10.5 15.7

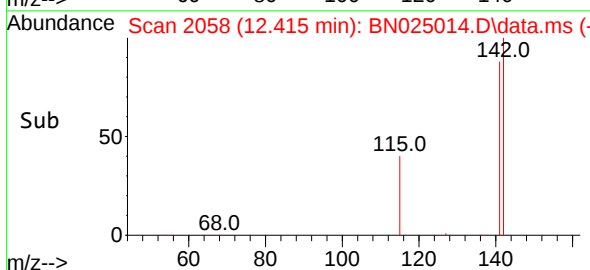
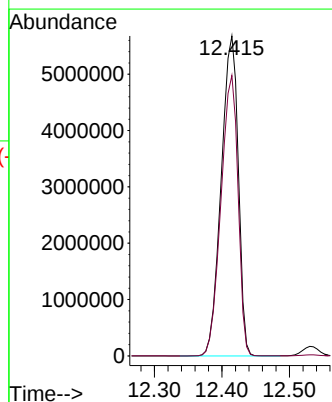
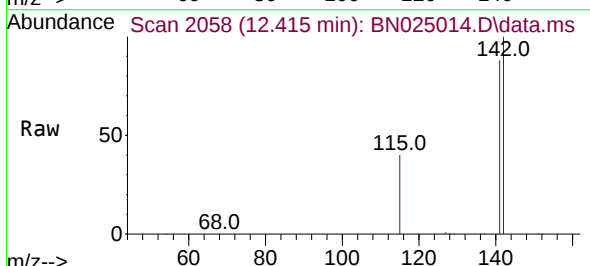
Manual Integrations
APPROVED

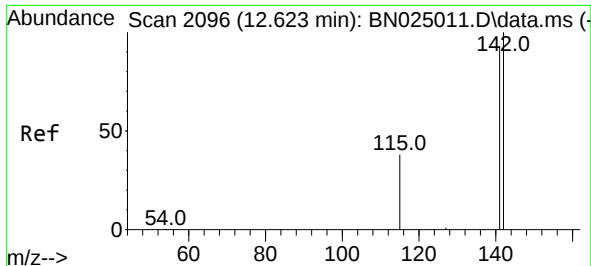
Reviewed By :Christian Giraldo 04/20/2023
Supervised By :Jagrut Upadhyay 04/20/2023



#7
2-Methylnaphthalene
Concen: 209.178 ng/ul
RT: 12.415 min Scan# 2058
Delta R.T. 0.011 min
Lab File: BN025014.D
Acq: 19 Apr 2023 22:50

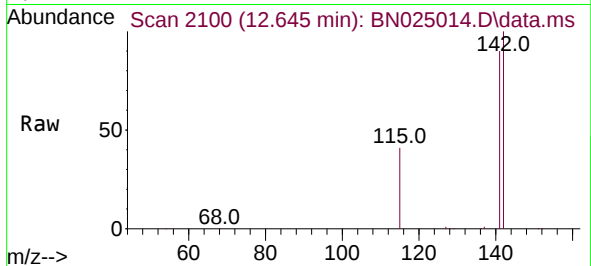
Tgt Ion:142 Resp: 9956031
Ion Ratio Lower Upper
142 100
141 87.5 70.7 106.1





#8
1-Methylnaphthalene
Concen: 301.107 ng/ul
RT: 12.645 min Scan# 2100
Delta R.T. 0.022 min
Lab File: BN025014.D
Acq: 19 Apr 2023 22:50

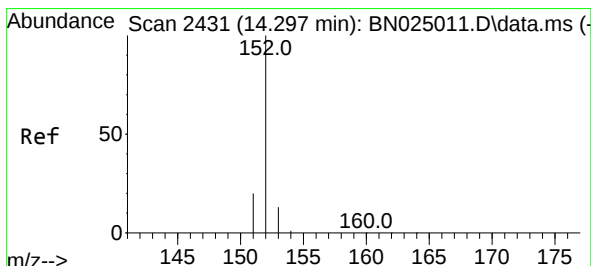
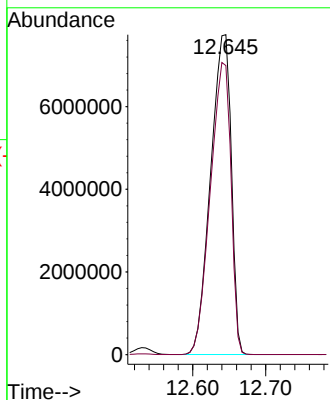
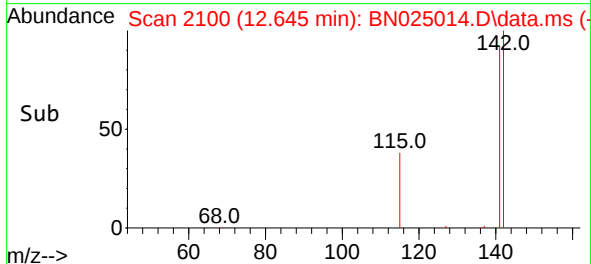
Instrument :
BNA_N
ClientSampleId :
DCBL2



Tgt Ion:142 Resp:1519393
Ion Ratio Lower Upper
142 100
141 90.8 74.0 111.0

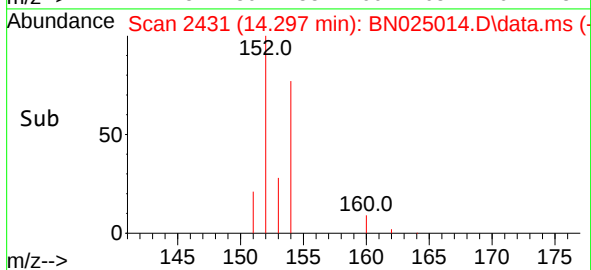
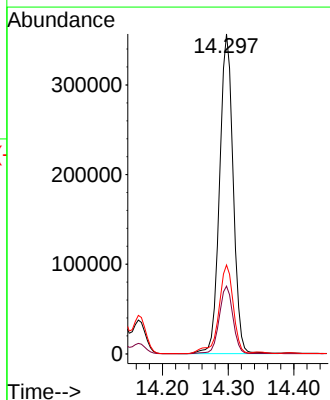
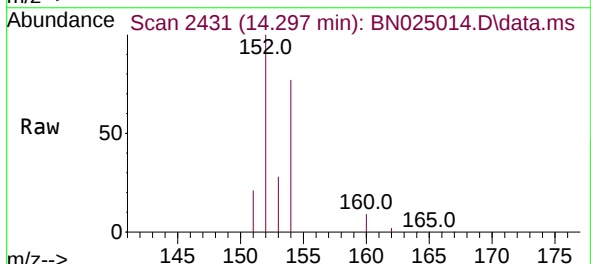
Manual Integrations
APPROVED

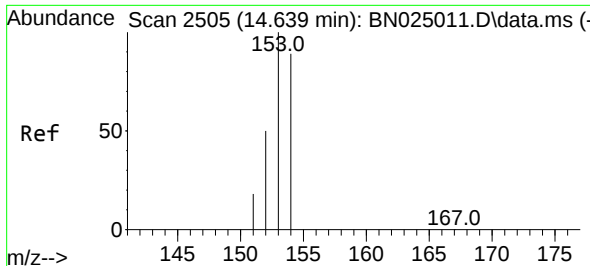
Reviewed By :Christian Giraldo 04/20/2023
Supervised By :Jagrut Upadhyay 04/20/2023



#10
Acenaphthylene
Concen: 2.445 ng/ul
RT: 14.297 min Scan# 2431
Delta R.T. 0.000 min
Lab File: BN025014.D
Acq: 19 Apr 2023 22:50

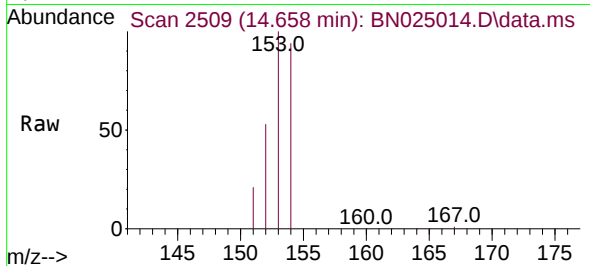
Tgt Ion:152 Resp: 513444
Ion Ratio Lower Upper
152 100
151 21.2 15.7 23.5
153 27.8 10.6 16.0#





#11
Acenaphthene
Concen: 148.453 ng/u1
RT: 14.658 min Scan# 21
Delta R.T. 0.019 min
Lab File: BN025014.D
Acq: 19 Apr 2023 22:50

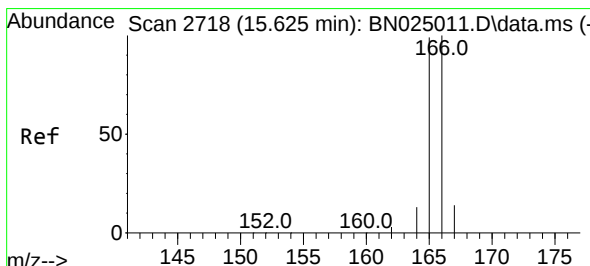
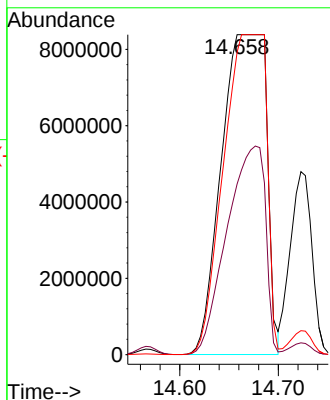
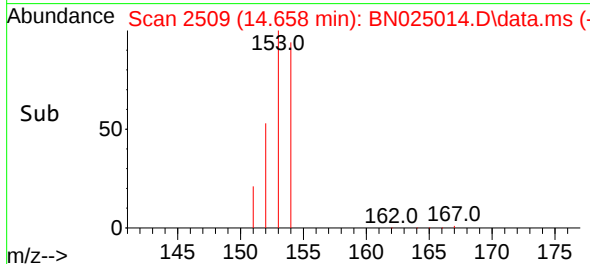
Instrument :
BNA_N
ClientSampleId :
DCBL2



Tgt Ion:153 Resp:26716815
Ion Ratio Lower Upper
153 100
152 53.3 40.7 61.1
154 94.4 69.4 104.2

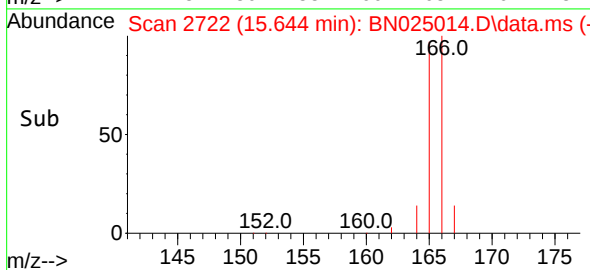
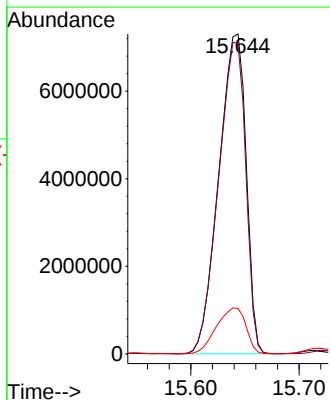
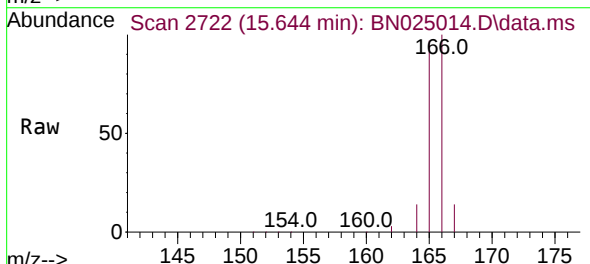
Manual Integrations
APPROVED

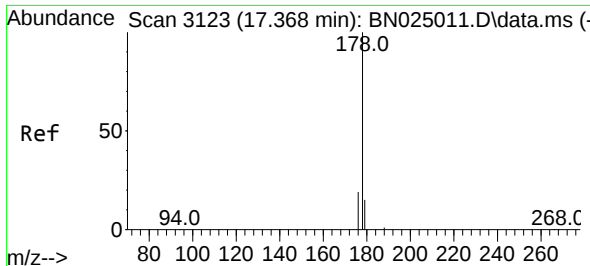
Reviewed By :Christian Giraldo 04/20/2023
Supervised By :Jagrut Upadhyay 04/20/2023



#12
Fluorene
Concen: 63.579 ng/u1
RT: 15.644 min Scan# 2722
Delta R.T. 0.019 min
Lab File: BN025014.D
Acq: 19 Apr 2023 22:50

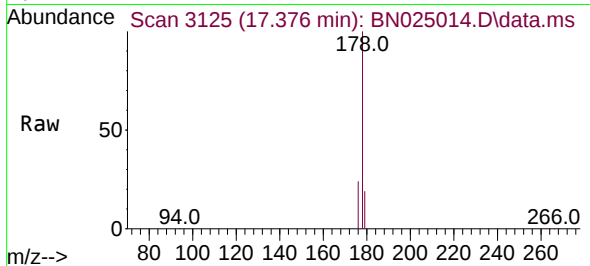
Tgt Ion:166 Resp:12815234
Ion Ratio Lower Upper
166 100
165 97.0 80.1 120.1
167 14.2 10.7 16.1





#15
Phenanthrene
Concen: 151.711 ng/ul m
RT: 17.376 min Scan# 3123
Delta R.T. 0.009 min
Lab File: BN025014.D
Acq: 19 Apr 2023 22:50

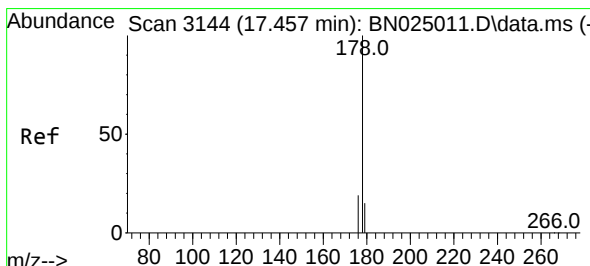
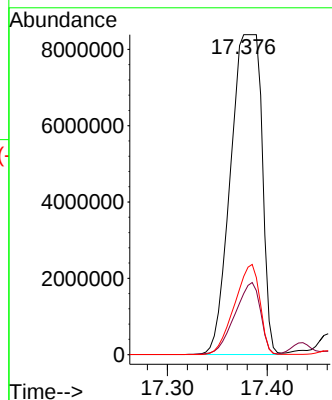
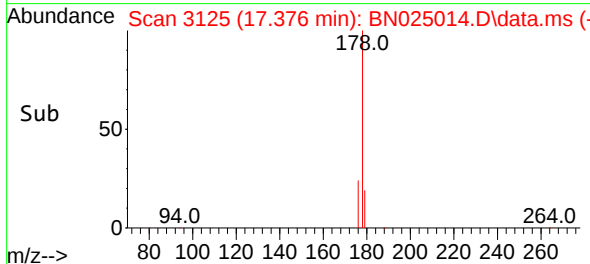
Instrument :
BNA_N
ClientSampleId :
DCBL2



Tgt Ion:178 Resp:18208302
Ion Ratio Lower Upper
178 100
179 19.1 12.3 18.5
176 24.4 15.4 23.0

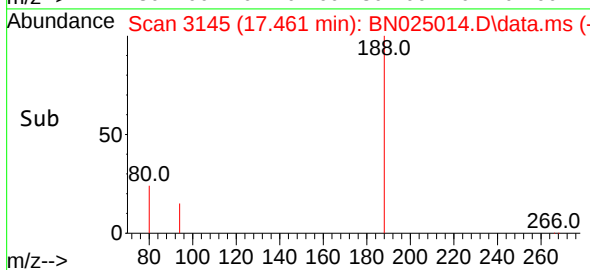
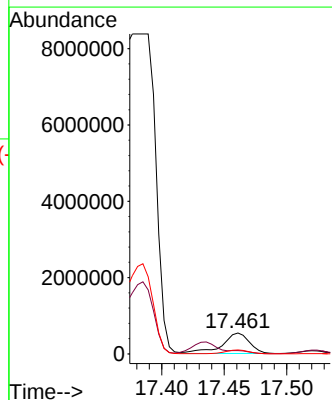
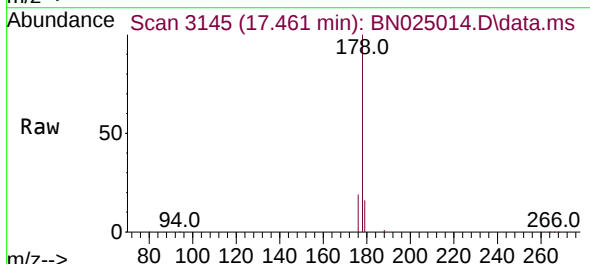
Manual Integrations
APPROVED

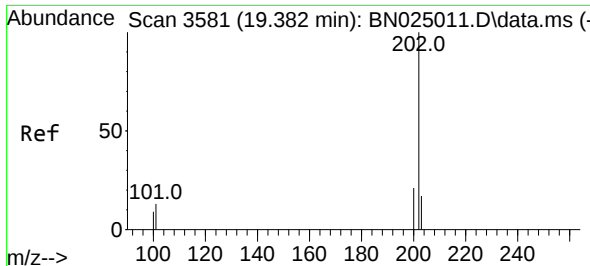
Reviewed By :Christian Giraldo 04/20/2023
Supervised By :Jagrut Upadhyay 04/20/2023



#16
Anthracene
Concen: 8.196 ng/ul
RT: 17.461 min Scan# 3145
Delta R.T. 0.004 min
Lab File: BN025014.D
Acq: 19 Apr 2023 22:50

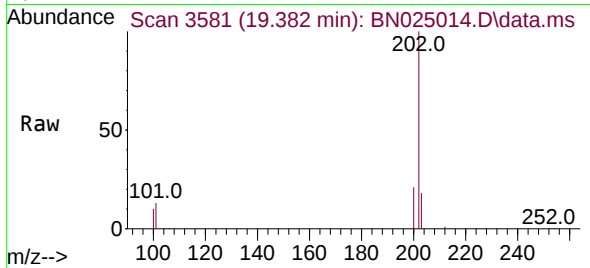
Tgt Ion:178 Resp: 817640
Ion Ratio Lower Upper
178 100
179 16.0 12.4 18.6
176 18.8 14.7 22.1





#19
Fluoranthene
Concen: 19.238 ng/ul
RT: 19.382 min Scan# 3581
Delta R.T. 0.000 min
Lab File: BN025014.D
Acq: 19 Apr 2023 22:50

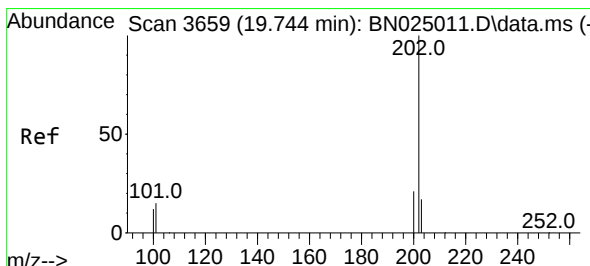
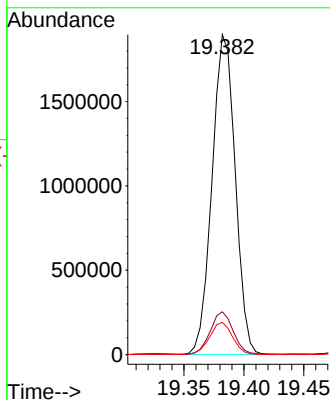
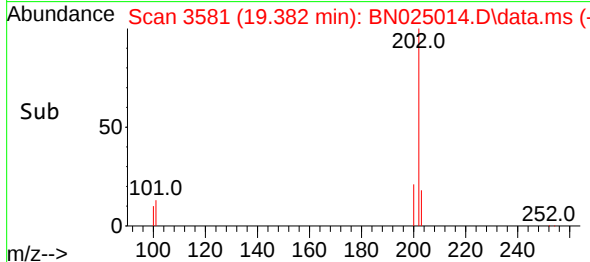
Instrument :
BNA_N
ClientSampleId :
DCBL2



Tgt Ion:202 Resp: 2549612
Ion Ratio Lower Upper
202 100
101 13.4 10.0 15.0
100 10.1 7.5 11.3

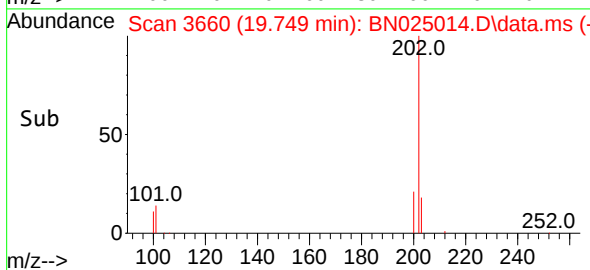
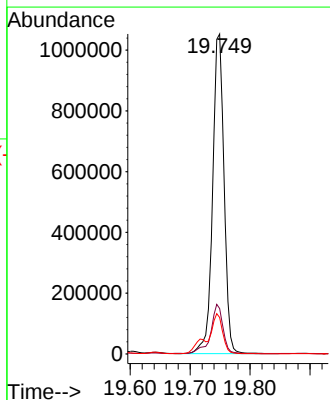
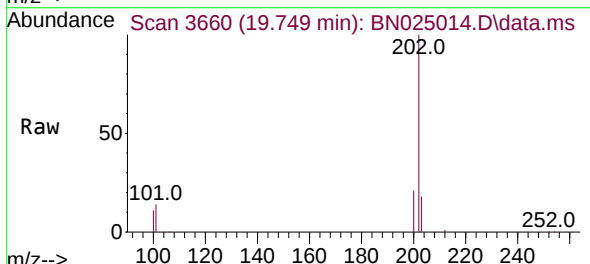
Manual Integrations
APPROVED

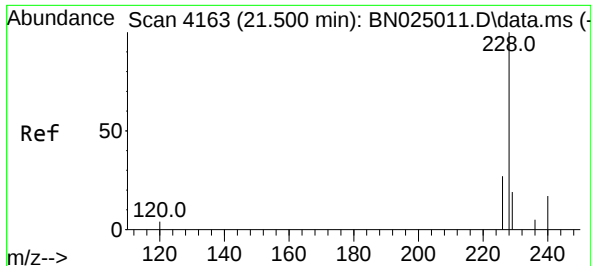
Reviewed By :Christian Giraldo 04/20/2023
Supervised By :Jagrut Upadhyay 04/20/2023



#20
Pyrene
Concen: 10.255 ng/ul
RT: 19.749 min Scan# 3660
Delta R.T. 0.005 min
Lab File: BN025014.D
Acq: 19 Apr 2023 22:50

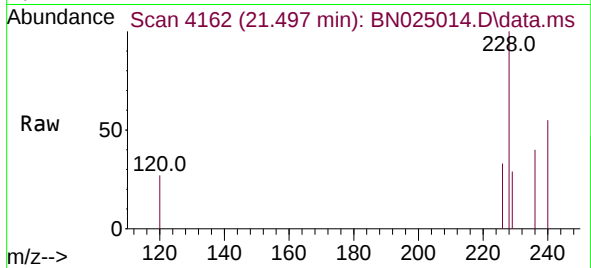
Tgt Ion:202 Resp: 1392594
Ion Ratio Lower Upper
202 100
101 14.2 11.8 17.8
100 11.4 9.5 14.3





#21
Benzo(a)anthracene
Concen: 0.056 ng/ul
RT: 21.497 min Scan# 4162
Delta R.T. -0.003 min
Lab File: BN025014.D
Acq: 19 Apr 2023 22:50

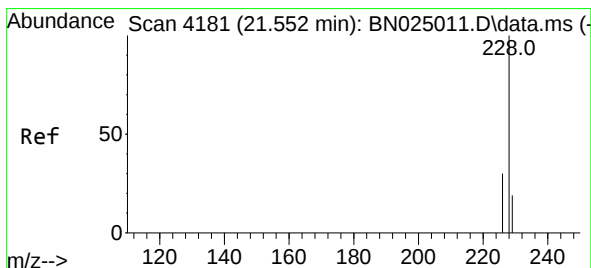
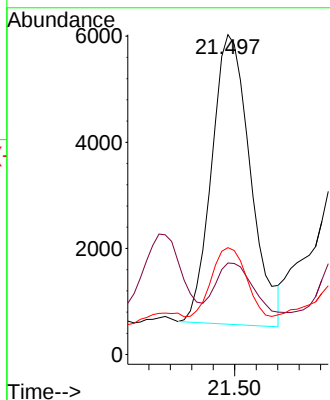
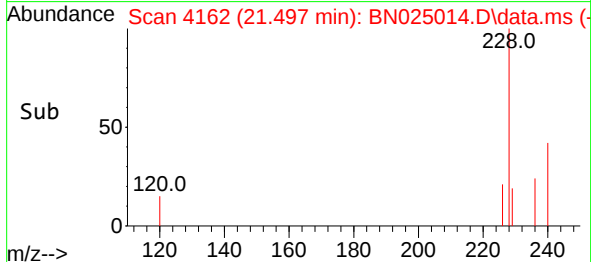
Instrument :
BNA_N
ClientSampleId :
DCBL2



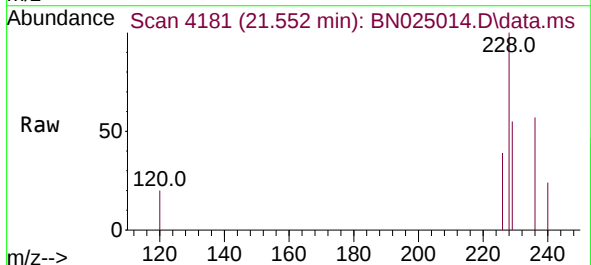
Tgt Ion:228 Resp: 6816
Ion Ratio Lower Upper
228 100
229 28.6 15.8 23.8#
226 33.4 22.2 33.2#

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/20/2023
Supervised By :Jagrut Upadhyay 04/20/2023



#22
Chrysene
Concen: 0.047 ng/ul
RT: 21.552 min Scan# 4181
Delta R.T. 0.000 min
Lab File: BN025014.D
Acq: 19 Apr 2023 22:50



Tgt Ion:228 Resp: 6148
Ion Ratio Lower Upper
228 100
226 39.2 24.3 36.5#
229 55.5 15.7 23.5#

